

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent Application No. 10/642,517

Applicant: NAKAGAWA et al.

Filed: August 18, 2003

TC/AU: 2832

Examiner: L. Donovan

Docket No.: 402751

Customer No.: 23548

Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop Amendment  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

**REPLY TO OFFICE ACTION**

Sir:

In response to the Office Action dated April 4, 2005, Applicants petition for a one-month extension of time, submit the requisite fee therefore, and request that the referenced patent application be amended as shown below.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Drawings** begin on page 3 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.

**An Appendix** including amended drawing figures is attached following page 10 of this paper.

7/21/2005 HALL11 00000039 121216 10642517

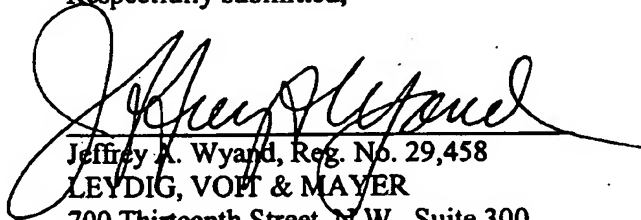
1 FC:1251 120.00 DA

Moreover, although McKean depicts a first yoke that may be considered to include a holding part, since the McKean yoke is not split, one cannot modify Cereda with McKean in a way consistent with the rejection that would justify the rejection of claim 21.

New claim 22 describes the magnetic actuator as including a second yoke with a permanent magnet and attached to the first yoke on a surface perpendicular the armature. Further, that surface is perpendicular to the direction of lamination of the metal sheets of the first yoke. Clearly, if the first and second yokes of Cereda are made of laminated metal sheets, the direction of lamination is perpendicular to the paper including Figure 1 of Cereda. No surface of the permanent magnets 6 and 7 or a second yoke facing the actuator 3 is perpendicular to that lamination direction. Rather, those surfaces are parallel to that lamination direction. Similarly, the magnetic actuator shown in Figure 1 of McKean includes permanent magnets 30 and a putative first yoke oriented in precisely the same way as the corresponding elements of Cereda. Therefore, the magnetic actuator in claim 22 is likewise patentably distinct from Cereda and McKean taken together or separately.

Upon reconsideration, the rejection should be withdrawn with regard to the examined claims, the withdrawn claims should be rejoined to the prosecution, and all of the pending claims, claims 1 and 3-22, should be allowed.

Respectfully submitted,



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Date: July 20, 2005  
JAW/tps

Amendment or ROA - Regular (Revised 4-18-05)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD						Application or Pocket Number <b>10/542-517</b>			
Substitute for Form PTO-875									
<b>APPLICATION AS FILED – PART I</b>									
(Column 1)		(Column 2)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY			
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	RATE (\$)	FEE (\$)			
BASIC FEE (37 CFR 1.16(a), (b), or (c))									
SEARCH FEE (37 CFR 1.16(k), (l), or (m))									
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))									
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =		X	=	X	=			
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =		X	=	X	=			
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).								
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))									
* If the difference in column 1 is less than zero, enter "0" in column 2.									
<b>APPLICATION AS AMENDED – PART II</b>									
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)		
	Total (37 CFR 1.16(i))	Minus	=	X 25	=	X 50	=	50	
	Independent (37 CFR 1.16(h))	Minus	=	X 100	=	X 200	=	—	
	Application Size Fee (37 CFR 1.16(s))								
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								
1, 21									
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)		
	Total (37 CFR 1.16(i))	Minus	=	X	=	X	=		
	Independent (37 CFR 1.16(h))	Minus	=	X	=	X	=		
	Application Size Fee (37 CFR 1.16(s))								
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								
TOTAL ADD'L FEE									
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.									

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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